
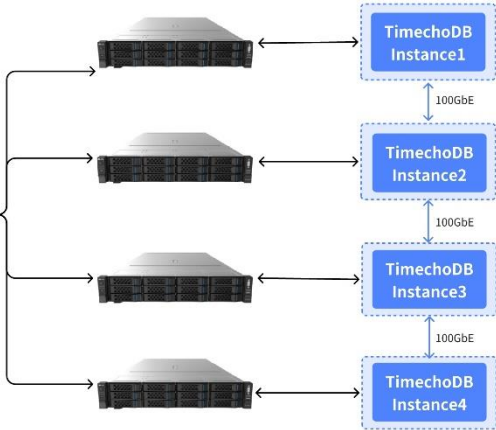



		TimechoDB 2.0.2.1 based on Apache IoTDB		TPCx-IoT 2.1.2
				TPC Pricing 2.9.0
				Report Date April 3rd, 2025
Total System Cost 227,926.00 USD		TPCx-IoT Performance Metric 22,713,531.53 IoTps		Price/Performance 10.03 USD/kIoTps
Servers	Operating System	Other Software	Avaliability Date	
IEIT Systems NF3280G7	KeyarchOS 5.8SP2 64-bit	None	April 3rd, 2025	
System Under Test Configuration Overview				
<div><div><p>IEIT Systems SC5630EL Switch (8 x 100GbE Ports)</p></div><div><p>TimechoDB Instance1 TimechoDB Instance2 TimechoDB Instance3 TimechoDB Instance4</p></div><div><p>4 x IEIT Systems NF3280G7 Server</p><ul style="list-style-type: none">1 x AMD EPYC 9654 96-Core Processor12 x 64GB (768GB) Memory1 x 100GbE-2Port Adaptor1 x 1GbE-2Port Adaptor1 x 480GB SATA SSD4 x 3.84TB NVME SSD</div></div>				
Total Servers:		4x IEIT Systems NF3280G7 Server		
Total Processors/Cores/Threads		4/384/768		
Each Server Configuration	1x TimechoDB Instance			
	Processor	1x AMD EPYC 9654 96-Core Processor		
	Memory	12x SK hynix 64GB DDR5-4800MHz ECC Memory (768G)		
	Storage Device	1x 480GB SATA SSD		
		4x Samsung PM9A3 3.84TB NVME SSD		
	Network Controller	1x 1Gbps Dual-Port I350		
1x 100Gbps Dual-Port Nvidia CX6DX				
Connectivity	IEIT Systems SC5630EL 100GbE Switch			

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Description	Part Number	Source	List Price (USD)	Qty	Extended Price (USD)	3 yr. Maint. Price (USD)
Licensed Compute Services						
IEIT Systems NF3280G7 Server		1	17,429.00	4	69,716.00	
IEIT Systems SC5630EL Switch		1	4,970.00	1	4,970.00	
					Sub-Total	74,686.00 USD
Licensed Software Services						
KeyarchOS V5		1	510.00	4	2,040.00	
3-Year TimechoDB 2.0.2.1 License (incl. 1-year 24*7 Support)		2	135,000.00	1	135,000.00	
1-Year TimechoDB 24*7 Support		2	27,000.00	2	54,000.00	
					Sub-Total	191,040.00 USD
Discounts*						
3-Year TimechoDB 2.0.2.1 License		2	(27,000.00)	1	(27,000.00)	
1-Year TimechoDB 24*7 Support		2	(5,400.00)	2	(10,800.00)	
					Sub-Total	(37,800.00 USD)
					Total	227,926.00 USD
<u>Price Sources:</u> 1) IEIT Systems 2) Timecho *20% OFF discount is based on list price for the deployment of small clusters of TimechoDB.		Three-Year Cost of Ownership:				227,926.00 USD
		IoTps:				22,713,531.53
		USD/kIoTps:				10.03 USD/kIoTps
<p>Prices used in TPC benchmarks must reflect the actual prices a customer would pay for purchase of the components in all regions specified in the result. Individually negotiated discounts are not permitted. Special prices based on assumptions about past or future purchases are not permitted. All discounts reflect standard pricing conventions for the listed components. For complete details, see the pricing section of the TPC benchmark specification. If you find that stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you.</p>						

	TimechoDB 2.0.2.1 based on Apache IoTDB	TPCx-IoT	2.1.2
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		Report Date April 3rd, 2025	
Numerical Quantities			
Scale Factor		42,000,000,000	
Performance Run (Run1)			
Warmup Run Start Time		2025-04-02 22:23:42.000	
Warmup Run End Time		2025-04-02 22:56:50.000	
Warmup Run Elapsed Time		1,987.117	
Measured Run Start Time		2025-04-02 22:56:52.000	
Measured Run End Time		2025-04-02 23:27:13.000	
Measured Run Elapsed Time		1,820.976	
Performance Metric (IoTps)		23,064,554.39	
Repeatability Run (Run2)			
Warmup Run Start Time		2025-04-02 23:28:29.000	
Warmup Run End Time		2025-04-03 00:03:10.000	
Warmup Run Elapsed Time		2,080.375	
Measured Run Start Time		2025-04-03 00:03:12.000	
Measured Run End Time		2025-04-03 00:34:02.000	
Measured Run Elapsed Time		1,849.118	
Performance Metric (IoTps)		22,713,531.53	

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		TPC Pricing	2.9.0
		Report Date April 3rd, 2025	

Performance Run Report (Run1)

TPCx-IoT Performance Metric (IoTps) Report

Test Run1 details

Total Time for Warmup Run in Seconds = 1,987.117

Test Run1 details

Total Time in Seconds = 1,820.976

Total Number of Records = 42,000,000,000

TPCx-IoT Performance Metric (IoTps): 23,064,554.39

Repeatability Run Report (Run2)

Test Run2 details


Total Time for Warmup Run in Seconds = 2,080.375

Test Run2 details

Total Time in Seconds = 1,849.118

Total Number of Records = 42,000,000,000

TPCx-IoT Performance Metric (IoTps): 22,713,531.53

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<div>Revision History</div> <table><tr><th>Date</th><th>Edition</th><th>Description</th></tr><tr><td>April 3rd, 2025</td><td>First</td><td>Initial Publication</td></tr></table>			Date	Edition	Description	April 3rd, 2025	First	Initial Publication
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